

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A phase shifting device for an array of antenna elements having respective antenna feed lines, formed on a printed circuit board, with respective open circuits formed therein, the device comprising:

a body slidable relative to the printed circuit board and carrying a first plurality of conductive strips and a second plurality of oppositely sensed conductive strips forming an RF connection across respective open circuits, the first and second plurality of conductive strips being formed at spaced locations on the body, wherein when the body moves in a first one direction a phase length associated with ~~at least~~ a first open circuit of associated with the first plurality of conductive strips is lengthened and a phase length associated with ~~at least~~ a second open circuit ~~overlaid by the second plurality of conductive strips~~ is shortened, the second open circuit being overlaid by the second plurality of conductive strips.

2-3. (Canceled).

4. (Previously Presented) The device as claimed in claim 1 wherein at least one of the first and second plurality of conductive strips are capacitively connected to their respective feed lines.

5. (Previously Presented) The device as claimed in claim 1 wherein the body is a rigid RF transparent block.

6. (Previously Presented) The device as claimed in claim 5 wherein at least one of the first and second plurality of conductive strips are printed, etched or formed on a surface of the block.

7. (Previously Presented) The device as claimed in claim 5 wherein at least one of the first and second plurality of conductive strips are mounted on a circuit that is fixed to the block with the body of the circuit interposable between the block and the printed circuit board.

8. (Previously Presented) The device as claimed in claim 1 further including a low friction thin dielectric layer interposed between engaging surfaces of the board and the conductive strips.

9. (Previously Presented) The device as claimed in claim 1 further comprising an actuator for causing the slideable movement and wherein the antenna element is slidably mounted with respect to the printed circuit.

10. (Previously Presented) The device as claimed in claim 9 wherein the printed circuit board is elongate and the body is movable in a longitudinally axial path.

11. (Canceled).

12. (Previously Presented) A ground tilting antenna array comprising:
a phase shifting device comprising:

a body slideable relative to a printed circuit board; and,

a plurality of oppositely sensed antenna elements mounted to the circuit board in a vertical elongate array and defining upper antennae and lower antennae, the upper antennae being connected to feed lines that are lengthened when the body is moved in a first direction and the lower antenna elements being connected to the feed lines that are shortened when the body is moved in the first direction, whereby a phase shift is caused along the length of the array.